

### **AMENDMENTS TO THE CLAIMS**

This listing of the claims replaces all prior versions, and listings, of claims in this application.

#### **Listing of the Claims:**

1. (Currently Amended) A method of managing a telecommunications network, comprising:  
generating a plurality of user profiles each providing a network management access to a user, ; each profile defining network management capabilities assigned to a respective user for configuring one or more network devices suitable for routing packetized data; and  
listing the network devices capable of being managed through the user profiles, and ;  
utilizing at least one of said user profiles to physically and logically configure one or more of said network devices within a scope of that profile.
2. (Original) The method of claim 1, wherein providing network management access further comprises:  
displaying a user interface in accordance with the user profile.
3. (Original) The method of claim 2, wherein providing network management access further comprises:  
receiving a user name and password; and  
comparing the received user name and password against values stored within the user profile.
4. (Original) The method of claim 1, wherein defining management capabilities comprises:  
assigning an access level corresponding to specific management capabilities.
5. (Original) The method of claim 4, wherein assigning an access level comprises:  
assigning an administrator access level to permit a user to read and write physical and logical objects.

6. (Original) The method of claim 4, wherein assigning an access level comprises:  
assigning a provisioner access level to permit a user to read physical objects and read and write logical objects.
7. (Original) The method of claim 4, wherein assigning an access level comprises:  
assigning a customer access level to permit a user to read their logical objects.
8. (Original) The method of claim 1, wherein listing network devices comprises:  
listing a telecommunication network address for each network device.
9. (Original) The method of claim 8, wherein listing network devices further comprises:  
listing an SNMP community string for each network device.
10. (Original) The method of claim 9, wherein listing network devices further comprises:  
listing an SNMP retry value for each network device.
11. (Original) The method of claim 9, wherein listing network devices further comprises:  
listing an SNMP timeout value for each network device.
12. (Original) The method of claim 1, further comprising:  
designating a primary network management server associated with the user profile.
13. (Original) The method of claim 12, further comprising:  
designating a secondary network management server associated with the user profile.
14. (Original) The method of claim 1, further comprising:  
setting network management policy flags within the user profile.
15. (Original) The method of claim 14, wherein setting network management policy flags comprises:  
setting a password control policy flag to enable a user to change a password within the user profile.
16. (Original) The method of claim 14, wherein setting network management policy flags comprises:  
setting an account disabled policy flag to disable the user profile and prevent access.

17. (Original) The method of claim 14, wherein setting network management policy flags comprises:  
setting an add device policy flag to enable a user to add network devices to the list of devices capable of being managed through the user profile.
18. (Previously Presented) The method of claim 2, wherein the user interface is a graphical user interface (GUI).
19. (Currently Amended) A method of managing a telecommunications network, comprising:  
adding a user profile to a network management system comprising network devices capable of routing packetized data; and  
editing parameters within the user profile to establish management capabilities assigned to one or more users associated with said profile for physically and logically configuring one or more of said network devices and  
a listing of the network devices capable of being managed through the user profile.
20. (Original) The method of claim 19, wherein the network management system includes a plurality of user profiles and where the method further comprises:  
receiving a user name and password;  
comparing the received user name and password against user names and passwords stored in the plurality of user profiles; and  
displaying a user interface in accordance with a user profile including the received user name and password.
21. (Original) The method of claim 20, further comprising:  
receiving input from a user through the user interface;  
configuring a network device from the list of network devices within the user profile in accordance with the management capabilities in the user profile.
22. (Original) The method of claim 21, wherein configuring a network device comprises:  
enabling a network device port on the network device.

23. (Original) The method of claim 20, further comprising:
  - receiving input from a user through the user interface;
  - provisioning services within a network device from the list of network devices within the user profile in accordance with the management capabilities in the user profile.
24. (Original) The method of claim 23, wherein provisioning services within a network device comprises:
  - setting up a SONET path within the network device.
25. (Original) The method of claim 19, further comprising:
  - receiving user profile data from a user; and
  - modifying parameters within the user profile in accordance with the received user profile data.
26. (Original) The method of claim 25, further comprising:
  - copying the user profile to another user profile; and
  - editing parameters within the other user profile to establish management capabilities and a list of network devices capable of being managed through the other user profile.
27. Canceled
28. (Previously Presented) The method of claim 1, wherein said step of listing network devices further comprises listing, for each user profile, one or more network devices capable of being managed through that profile.